

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 2 | "5830538".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 09:45 |
| L2 | 3425 | d-spacing | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 09:45 |
| L3 | 1 | 1 and 2 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 09:45 |
| L4 | 12 | d-spacing.ti. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 09:47 |
| L5 | 12 | d-spacing.ti. and d-spacing | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 09:47 |
| L17 | 243 | (US-20040164300-\$ or US-20010018224-\$ or US-20020167051-\$ or US-20030218169-\$ or US-20030160236-\$ or US-20020053674-\$ or US-20020011983-\$ or US-20040094765-\$ or US-20040080481-\$ or US-20040031986-\$ or US-20030107077-\$ or US-20030001832-\$ or US-20020079484-\$ or US-20020070406-\$ or US-20020043682-\$ or US-20020040981-\$ or US-2004022242-\$ or US-20030211669-\$ or US-20020030190-\$ or US-20030173567-\$ or US-20020125480-\$ or US-20020117736-\$ or US-20030186490-\$ or US-20030155573-\$ or US-20030102480-\$ or US-20030057419-\$).did. or (US-20010048108-\$ or US-20040026696-\$ or US-20030197179-\$ or US-20030137480-\$ or US-20030141807-\$ or US-20030201442-\$ or US-20030062524-\$ or US-20010015441-\$ or US-20020053670-\$ or US-20060134840-\$).did. or (US-6335541-\$ or US-6380560-\$ or US-6147667-\$ or US-5942768-\$ or US-6211536-\$ or US-5864150-\$ or US-5821622-\$ or US-5929464-\$ or US-5818070-\$ or US-5796150-\$ or US-5859443-\$ | US_PGPUB; USPAT; JPO; DERWENT | OR | ON | 2008/03/30 10:01 |

or US-5744824-\$ or US-5821138-\$ or US-5525822-\$ or US-5780872-\$ or US-5170244-\$ or US-5250931-\$ or US-5854627-\$ or US-6787807-\$ or US-6703265-\$ or US-6762081-\$ or US-6738005-\$ or US-6693044-\$ or US-6611022-\$ or US-6534353-\$ or US-6525719-\$).did. or (US-6492659-\$ or US-6458637-\$ or US-6396105-\$ or US-6292183-\$ or US-6271818-\$ or US-6831727-\$ or US-6717179-\$ or US-6667494-\$ or US-6603453-\$ or US-6597014-\$ or US-6472684-\$ or US-6756640-\$ or US-6670635-\$ or US-6462723-\$ or US-6335716-\$ or US-6323515-\$ or US-6303963-\$ or US-6597034-\$ or US-6605497-\$ or US-6509602-\$ or US-4392452-\$ or US-6730932-\$ or US-6693300-\$ or US-6693299-\$ or US-6680487-\$ or US-6646288-\$ or US-4352834-\$).did. or (US-6593592-\$ or US-6452211-\$ or US-6326249-\$ or US-6093243-\$ or US-6635929-\$ or US-6498369-\$ or US-5582640-\$ or US-6294815-\$ or US-5879447-\$ or US-6066872-\$ or US-6844683-\$ or US-6825072-\$ or US-6784037-\$ or US-6777255-\$ or US-6727514-\$ or US-6686228-\$ or US-6855956-\$ or US-6777887-\$ or US-6822262-\$ or US-6639244-\$ or US-6630977-\$ or US-6590230-\$ or US-6590229-\$ or US-6576926-\$ or US-6549184-\$ or US-6545320-\$ or US-6674136-\$).did. or (US-6583471-\$ or US-6608324-\$ or US-6495886-\$ or US-6407430-\$ or US-6278131-\$ or US-6160271-\$ or US-6140667-\$ or US-6087679-\$ or US-6452341-\$ or US-6531713-\$ or US-6307214-\$ or US-6274887-\$ or US-5712496-\$ or US-5595923-\$ or US-5569936-\$ or US-6841797-\$ or US-6806499-\$ or US-6737673-\$ or US-6653657-\$ or US-6482684-\$ or US-6506669-\$ or US-6380007-\$ or US-5999236-\$ or US-6744069-\$ or US-6642073-\$ or US-6319761-\$ or US-5581092-\$).did. or (US-5923962-\$ or US-5789762-\$ or US-5783468-\$ or US-5643826-\$ or US-5569610-\$ or US-5481121-\$ or US-5824573-\$ or US-6285042-\$ or US-5858823-\$ or US-5614733-\$ or US-6093934-\$ or US-5759879-\$ or US-5534716-\$ or US-5661050-\$ or US-5656824-\$ or US-5650358-\$ or US-5641974-\$ or US-5614427-\$ or US-5539219-\$ or US-6528820-\$ or US-6028333-\$ or US-5949091-\$ or US-5854494-\$ or US-5808321-\$ or US-5744823-\$ or US-5736751-\$ or US-5698864-\$).did. or (US-5680147-\$ or US-5563426-\$ or US-5554861-\$ or US-5543947-\$ or US-5523587-\$ or US-5508216-\$ or US-5414278-\$ or US-5289030-\$ or US-5218464-\$ or US-5206749-\$ or US-5165075-\$ or US-4623908-\$ or US-4582395-\$ or US-5705829-\$ or US-5821559-\$ or US-5583369-\$ or US-5403772-\$ or US-3925803-\$ or US-5923964-\$ or US-5904513-\$ or US-5869360-\$ or US-5753543-\$).did. or (JP-09022077-\$ or JP-08288522-\$ or JP-08213634-\$ or JP-08078329-\$ or JP-10270363-\$ or JP-09312260-\$ or JP-08211367-\$ or JP-06230422-\$ or JP-09092834-\$ or JP-09045931-\$ or JP-06318701-\$ or JP-06268212-\$ or JP-07074366-\$ or JP-08078690-\$ or JP-08288515-\$ or JP-06310456-\$).did. or (US-5864150-\$ or US-5859443-\$ or JP-10303129-\$ or US-5796150-\$ or JP-10209465-\$ or JP-08023100-\$ or JP-08006053-\$ or JP-10197897-\$ or JP-09102613-\$ or JP-08288522-\$ or JP-08213634-\$ or JP-08204207-\$ or JP-06317814-\$ or JP-08078329-\$ or EP-686308-\$ or EP-342925-\$ or JP-10270363-\$ or JP-09312260-\$ or EP-236629-\$ or JP-09022077-\$ or JP-07135318-\$ or JP-08211367-\$ or US-5481121-\$ or JP-08179306-\$ or JP-06230422-\$ or EP-1158580-\$).did. or (JP-09092834-\$ or JP-09045931-\$ or JP-06268212-\$ or JP-06318701-\$ or EP-651431-\$ or US-5824573-\$ or JP-08078690-\$ or JP-08288515-\$ or EP-669647-\$).did.

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|-----|---|---|---|----|-----|---------------------|
| L18 | 0 | 17 and gosain.in. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 10:02 |
| L20 | 2 | ("5,759,879").PN. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/30 10:08 |
| L21 | 8 | laser near3 annealing and thin adj film adj transistor.ti. and hydrogenation near4 (dangling adj bonds) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 10:33 |
| L22 | 1 | "5567633".pn. and laser and hydrogenat\$3 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 10:36 |
| L23 | 1 | (US-20040164300-\$).did. | US_PGPUB | OR | ON | 2008/03/30 10:56 |
| L24 | 1 | (US-20040164300-\$).did. and (correspond correspondence) near20 dangling | US_PGPUB | OR | ON | 2008/03/30 10:57 |
| L25 | 3 | (("6730932") or ("6380560")).PN. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/30 11:15 |
| L27 | 2 | ("6380560").PN. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/30 11:39 |

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|-----|------|--|---|----|-----|---------------------|
| L28 | 3804 | ((257/64) or (257/66) or (257/71) or (345/92)).CCLS. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/30 12:03 |
| L29 | 0 | 28 and (personal adj computer PC) and (semiconductor silicon) adj (film layer) and source and drain and gate and lattic and crystal and dangling | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 12:04 |
| L30 | 94 | 28 and (personal adj computer PC) and (semiconductor silicon) adj (film layer) and source and drain and gate and lattice and crystal and dangling | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 12:04 |
| L31 | 0 | ((ohtani near1 hisashi).in. (yamazaki near1 shunpei).in.(semiconductor near1 energy).as.) and (personal adj computer PC).clm. and (semiconductor silicon) adj (film layer).clm. and source.clm. and drain.clm. and gate.clm. and lattice.clm. and crystal.clm. and (correspond\$3 match\$3 dangling near10 hydrogenat\$3).clm. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/30 12:09 |
| S1 | 6 | "753524".ap. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 07:50 |
| S2 | 1 | S1 and grain adj boundar\$3 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 15:09 |
| S3 | 17 | (("5,170,244") or ("5,250,931") or ("5,525,822") or ("5,744,824") or ("5,780,872") or ("5,796,150") or ("5,821,138") or ("5,818,070") or ("5,821,622") or ("5,859,443") or ("5,864,150") or ("5,929,464") or ("5,942,768") or ("6,147,667") or ("6,211,536") or ("6,380,560") or ("20010018224")).PN. | US_PGPUB; USPAT | OR | OFF | 2005/03/14 15:09 |
| S4 | 33 | (("5,170,244") or ("5,250,931") or ("5,525,822") or ("5,744,824") or ("5,780,872") or ("5,796,150") or ("5,821,138") or ("5,818,070") or ("5,821,622") or ("5,859,443") or ("5,864,150") or ("5,929,464") or ("5,942,768") or ("6,147,667") or ("6,211,536") or ("6,380,560") or ("20010018224")).PN. | US_PGPUB; USPAT; DERWENT | OR | OFF | 2005/03/14 15:16 |

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| S5 | 10 | ON-1118521\$\$.did. JP-07135318\$\$.did. JP-08078329\$\$.did. JP-08213634\$\$.did. JP-08288522\$\$.did. JP-09022077\$\$.did. | EPO; JPO; DERWENT | OR | OFF | 2005/03/14 15:22 |
| S6 | 4 | JP-09312260\$\$.did. JP-10270363\$\$.did. | EPO; JPO; DERWENT | OR | OFF | 2005/03/14 15:24 |
| S7 | 44 | S4 S5 S6 | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 15:24 |
| S8 | 3 | ("6380560").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 16:28 |
| S9 | 24 | (("5170244") or ("5250931") or ("5525822") or ("5780872") or ("5796150") or ("5818070") or ("5821138") or ("5821622") or ("5859443") or ("5864150") or ("5929464") or ("6147667")).PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/14 15:47 |
| S10 | 719 | grain adj boundar\$3 near6 (channel active) and (thin adj film adj transistor tft) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 16:32 |
| S11 | 488 | grain adj boundar\$3 near6 (channel active) and (thin adj film adj transistor tft) and "257"/\$8.ccls. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 16:33 |
| S12 | 27 | lattice near10 grain adj boundar\$3 near6 (channel active) and (thin adj film adj transistor tft) and "257"/\$8.ccls. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 16:33 |
| S13 | 3 | void near10 grain adj boundar\$3 and tft | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 17:01 |

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| S14 | 11 | lattice adj defect near10 grain adj boundar\$3 and tft | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 17:01 |
| S15 | 47 | (high adj resolution adj tem hrtem high adj resolution adj2 electron adj microscopy) and grain adj boundar\$3 and (semiconductor near2 thin adj film tft thin adj film adj transistor) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 08:10 |
| S16 | 33 | (high adj resolution adj tem hrtem high adj resolution adj2 electron adj microscopy) and ((trap void) near6 (grain adj boundar\$3)) and (semiconductor near2 thin adj film tft thin adj film adj transistor) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 08:11 |
| S17 | 155 | (tem hrtem electron adj microscopy) and ((trap void) near6 (grain adj boundar \$3)) and (semiconductor near2 thin adj film tft thin adj film adj transistor) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 08:12 |
| S18 | 0 | dangling adj bond near10 grain adj boundar\$3 and hydrogenated near3 (silicon si polysilicon) and (high adj resolution adj transmission adj electron adj microscopy) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 09:11 |
| S19 | 0 | dangling adj bond near10 grain adj boundar\$3 and (high adj resolution adj transmission adj electron adj microscopy) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 09:11 |
| S20 | 36 | dangling adj bond and (high adj resolution adj transmission adj electron adj microscopy) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 09:11 |
| S21 | 36 | dangling adj bond and (high adj resolution adj transmission adj electron adj microscopy) and (silicon polysilicon) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 09:11 |

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| S22 | 49 | dangling adj bond and (high adj resolution adj transmission adj electron adj microscopy htem) and (silicon polysilicon) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 09:45 |
| S25 | 10 | personal adj computer near10 (tft thin adj film adj transistor).clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 09:56 |
| S26 | 1763 | personal adj computer.ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 09:57 |
| S27 | 911 | personal adj computer.ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. and liquid adj crystal adj display.ti,ab,clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 09:58 |
| S28 | 207 | personal adj computer.ti. and (tft thin adj film adj transistor).ti,ab,clm. and liquid adj crystal adj display.ti,ab,clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 09:58 |
| S29 | 164 | personal adj computer.ti. and (tft thin adj film adj transistor).ab. and liquid adj crystal adj display.ab. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:04 |
| S30 | 2 | JP-08179306\$-.did. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:25 |
| S31 | 121 | personal adj computer.ti. and (liquid adj crystal adj display lcd) near10 (thin adj film adj transistor tft) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:26 |

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| S32 | 119 | S31 not yamazaki.in. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:40 |
| S33 | 2 | JP-08211367\$-\$ did. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:49 |
| S34 | 2 | "5854627".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:55 |
| S35 | 9114 | (thin adj film adj transistor tft) and silicon and pixel adj electrode and (liquid adj crystal adj display lcd) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:57 |
| S36 | 188 | (thin adj film adj transistor tft) and silicon and pixel adj electrode and (liquid adj crystal adj display lcd) and grain near3 orientation | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:58 |
| S37 | 8 | (thin adj film adj transistor tft) and silicon and pixel adj electrode and (liquid adj crystal adj display lcd) and grain near3 orientation near6 channel | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 10:58 |
| S38 | 82 | (US-20010018224-\$ or US-20020030190-\$ or US-20020040981-\$ or US-20020043682-\$ or US-20020070406-\$ or US-20020079484-\$ or US-20030001832-\$ or US-20030107077-\$ or US-20030211669-\$ or US-20040031986-\$ or US-20040080481-\$ or US-20040094765-\$ or US-20040164300-\$ or US-20040222424-\$).did. or (US-4352834-\$ or US-4392452-\$ or US-5170244-\$ or US-5250931-\$ or US-5525822-\$ or US-5744824-\$ or US-5780872-\$ or US-5796150-\$ or US-5818070-\$ or US-5821138-\$ or US-5821622-\$ or US-5859443-\$ or US-5864150-\$ or US-5929464-\$ or US-5942768-\$ or US-6147667-\$ or US-6211536-\$ or US-6303963-\$ or US-6323515-\$ or US-6335716-\$ or US-6380560-\$ or US-6462723-\$ or US-6472684-\$ or US-6509602-\$ or US-6597014-\$ or US-6597034-\$).did. or (US-6603453-\$ or US-6605497-\$ or US-6667494-\$ or US-6670635-\$ or US-6717179-\$ or US-6756640-\$ or US-6831727-\$ or US-6093243-\$ or US-6066872-\$ or US-5879447-\$ or US-5712496-\$ or US-5582640-\$ or US-5854627-\$).did. or (JP-08078329-\$ or JP-08213634-\$ or JP-08288522-\$ or JP-09022077-\$ or JP- | US_PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2005/03/15 13:18 |

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|-----|-----|---|---|----|-----|---------------------|
| | | 09312260-\$ or JP-10270363-\$ or JP-08211367-\$).did. or (EP-236629-\$ or EP-342925-\$ or EP-686308-\$ or JP-06317814-\$ or JP-07135318-\$ or JP-08006053-\$ or JP-08023100-\$ or JP-08078329-\$ or JP-08204207-\$ or JP-08213634-\$ or JP-08288522-\$ or JP-09022077-\$ or JP-09102613-\$ or JP-09312260-\$ or US-5796150-\$ or JP-10197897-\$ or JP-10209465-\$ or JP-10270363-\$ or JP-10303129-\$ or US-5859443-\$ or US-5864150-\$ or JP-08179306-\$).did. | | | | |
| S39 | 24 | S38 and capacitor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 13:24 |
| S40 | 41 | S38 and capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 13:26 |
| S41 | 18 | S38 and auxiliary adj (capacitance capacitor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 13:35 |
| S42 | 271 | auxiliary adj (capacitance capacitor) near6 (LCD liquid adj crystal adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 13:35 |
| S43 | 195 | auxiliary adj (capacitance capacitor) near6 (LCD liquid adj crystal adj display) and (tft thin adj film adj transistor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 13:36 |
| S44 | 136 | auxiliary adj (capacitance capacitor) near4 (LCD liquid adj crystal adj display) and (tft thin adj film adj transistor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 13:58 |
| S45 | 13 | channel near3 length and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:08 |

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| S46 | 2413 | channel near3 length and (tft thin adj film adj transistor).ti,ab,clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:09 |
| S47 | 640 | channel adj length.ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:09 |
| S48 | 19 | channel adj length.ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. and channel near4 length near4 ("."mum." micron) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:12 |
| S49 | 11 | channel adj length.ti,ab,clm. and (tft thin adj film adj transistor).ti,ab,clm. and channel near4 length near4 ("."mum." micron) and (liquid adj crystal adj display LCD) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/15 14:13 |
| S50 | 6 | "107113".ap. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:03 |
| S51 | 2005 | 257/66 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:03 |
| S52 | 2420 | 257/72 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:03 |
| S53 | 2853 | 257/59 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:03 |

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| S54 | 631 | 257/290 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:03 |
| S55 | 1029 | 257/291 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:03 |
| S56 | 998 | 257/292 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:04 |
| S57 | 6444 | S51 S52 S53 S54 S55 S56 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:04 |
| S58 | 1479 | 345/92 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:08 |
| S59 | 6450 | S57 S58 and personal adj computer and (thin adj film adj transistor tft) and (liquid adj crystal adj display lcd) and grain adj (boundary boundaries) and (void dangling adj bond trap) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:10 |
| S60 | 91 | (S57 S58) and personal adj computer and (thin adj film adj transistor tft) and (liquid adj crystal adj display lcd) and grain adj (boundary boundaries) and (void dangling adj bond trap) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/15 15:11 |

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|-----|-----|--|---|----|-----|---------------------|
| S61 | 44 | (US-20010018224-\$).did. or (US-6211536-\$ or US-6380560-\$ or US-5864150-\$ or US-6147667-\$ or US-5942768-\$ or US-5929464-\$ or US-5859443-\$ or US-5821622-\$ or US-5821138-\$ or US-5744824-\$ or US-5818070-\$ or US-5796150-\$ or US-5780872-\$ or US-5525822-\$ or US-5250931-\$ or US-5170244-\$).did. or (JP-08288522-\$ or JP-08213634-\$ or JP-09022077-\$ or JP-08078329-\$ or JP-09312260-\$ or JP-10270363-\$).did. or (US-5864150-\$ or US-5859443-\$ or JP-10303129-\$ or US-5796150-\$ or JP-10209465-\$ or JP-10197897-\$ or JP-08213634-\$ or JP-09102613-\$ or JP-08288522-\$ or JP-08023100-\$ or JP-08204207-\$ or JP-06317814-\$ or JP-08006053-\$ or EP-342925-\$ or EP-686308-\$ or EP-236629-\$ or JP-09022077-\$ or JP-08078329-\$ or JP-10270363-\$ or JP-07135318-\$ or JP-09312260-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2005/03/15 15:25 |
| S62 | 6 | "107113".ap. | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2005/03/15 15:26 |
| S63 | 372 | easthom.xp. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 07:34 |
| S64 | 6 | "496953".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 07:39 |
| S65 | 11 | S63 and chip adj resistor.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 07:44 |
| S66 | 6 | "107113".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/16 15:49 |

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|-----|-----|---|-------------------------------------|----|-----|---------------------|
| S67 | 163 | (US-20010015441-\$ or US-20010018224-\$ or US-20010048108-\$ or US-20020011983-\$ or US-20020030190-\$ or US-20020040981-\$ or US-20020043682-\$ or US-20020053674-\$ or US-20020070406-\$ or US-20020079484-\$ or US-20020117736-\$ or US-20020125480-\$ or US-20020167051-\$ or US-20030001832-\$ or US-20030057419-\$ or US-20030062524-\$ or US-20030102480-\$ or US-20030107077-\$ or US-20030137480-\$ or US-20030141807-\$ or US-20030155573-\$ or US-20030160236-\$ or US-20030173567-\$ or US-20030186490-\$ or US-20030197179-\$ or US-20030201442-\$).did. or (US-20030211669-\$ or US-20030218169-\$ or US-20040026696-\$ or US-20040031986-\$ or US-20040080481-\$ or US-20040094765-\$ or US-20040164300-\$ or US-20040222424-\$).did. or (US-4352834-\$ or US-4392452-\$ or US-5170244-\$ or US-5250931-\$ or US-5525822-\$ or US-5582640-\$ or US-5712496-\$ or US-5744824-\$ or US-5780872-\$ or US-5796150-\$ or US-5818070-\$ or US-5821138-\$ or US-5821622-\$ or US-5854627-\$ or US-5859443-\$ or US-5864150-\$ or US-5879447-\$ or US-5929464-\$ or US-5942768-\$ or US-5999236-\$ or US-6066872-\$ or US-6087679-\$ or US-6093243-\$ or US-6140667-\$ or US-6147667-\$ or US-6160271-\$).did. or (US-6211536-\$ or US-6271818-\$ or US-6274887-\$ or US-6278131-\$ or US-6292183-\$ or US-6294815-\$ or US-6303963-\$ or US-6307214-\$ or US-6323515-\$ or US-6326249-\$ or US-6335716-\$ or US-6380007-\$ or US-6380560-\$ or US-6396105-\$ or US-6407430-\$ or US-6452211-\$ or US-6452341-\$ or US-6458637-\$ or US-6462723-\$ or US-6472684-\$ or US-6482684-\$ or US-6492659-\$ or US-6495886-\$ or US-6498369-\$ or US-6506669-\$ or US-6509602-\$ or US-6525719-\$).did. or (US-6531713-\$ or US-6534353-\$ or US-6545320-\$ or US-6549184-\$ or US-6576926-\$ or US-6583471-\$ or US-6590229-\$ or US-6590230-\$ or US-6593592-\$ or US-6597014-\$ or US-6597034-\$ or US-6603453-\$ or US-6605497-\$ or US-6608324-\$ or US-6611022-\$ or US-6630977-\$ or US-6635929-\$ or US-6639244-\$ or US-6646288-\$ or US-6653657-\$ or US-6667494-\$ or US-6670635-\$ or US-6674136-\$ or US-6680487-\$ or US-6686228-\$ or US-6693044-\$ or US-6693299-\$).did. or (US-6693300-\$ or US-6703265-\$ or US-6717179-\$ or US-6727514-\$ or US-6730932-\$ or US-6737673-\$ or US-6738005-\$ or US-6756640-\$ or US-6762081-\$ or US-6777255-\$ or US-6777887-\$ or US-6784037-\$ or US-6787807-\$ or US-6806499-\$ or US-6822262-\$ or US-6825072-\$ or US-6831727-\$ or US-6841797-\$ or US-6844683-\$ or US-6855956-\$).did. or (JP-08078329-\$ or JP-08211367-\$ or JP-08213634-\$ or JP-08288522-\$ or JP-09022077-\$ or JP-09312260-\$ or JP-10270363-\$).did. or (EP-236629-\$ or EP-342925-\$ or EP-686308-\$ or JP-06317814-\$ or JP-07135318-\$ or JP-08006053-\$ or JP-08023100-\$ or JP-08078329-\$ or JP-08179306-\$ or JP-08204207-\$ or JP-08213634-\$ or JP-08288522-\$ or JP-09022077-\$ or JP-09102613-\$ or JP-09312260-\$ or US-5796150-\$ or JP-10197897-\$ or JP-10209465-\$ or JP-10270363-\$ or JP-10303129-\$ or US-5859443-\$ or US-5864150-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2005/03/17 15:29 |
| S68 | 4 | S67 and okada.in. | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2005/03/17 15:29 |

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|-----|--------|--|---|----|-----|---------------------|
| S69 | 3 | "6730932".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 07:18 |
| S70 | 491 | pixel adj matrix adj circuit | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 07:19 |
| S71 | 460058 | (liquid adj crystal adj display LCD liquid adj crystal) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 07:19 |
| S72 | 11 | S70 not S71 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 07:20 |
| S73 | 11 | S72 not "349"/\$7.ccis. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 07:36 |
| S74 | 520 | liquid adj crystal adj display near4 pixel adj electrode and personal adj computer | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/26 07:38 |
| S75 | 189 | liquid adj crystal adj display near4 pixel adj electrode.ti,ab,clm. and personal adj computer | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/26 07:38 |
| S76 | 42 | liquid adj crystal adj display near4 pixel adj electrode.ti,ab,clm. and personal adj computer.ti,ab,clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/26 07:48 |

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|-----|------|----------------------|---|----|-----|---------------------|
| S77 | 3 | "6380560".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/26 07:45 |
| S78 | 2 | "5582640".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/26 07:49 |
| S79 | 2 | jp-08211367\$\$.did. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/26 07:56 |
| S80 | 2 | jp-06230422\$\$.did. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/26 07:56 |
| S81 | 2011 | 257/66 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 09:40 |
| S82 | 2427 | 257/72 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 09:40 |
| S83 | 2861 | 257/59 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 09:40 |
| S84 | 631 | 257/290 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 09:40 |

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|-----|------|--|---|----|-----|---------------------|
| S85 | 1031 | 257/291 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 09:40 |
| S86 | 1004 | 257/292 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 09:40 |
| S87 | 6466 | S81 S82 S83 S84 S85 S86 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/03/26 09:40 |
| S88 | 2 | ("5582640").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/09/24 21:23 |
| S89 | 25 | (metal\$3 near6 promot\$3 near6 crystalli?5).clm. and semiconductor near1 energy as. and (titanium tungsten tantalum molybdenum ti w ta mo).clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/24 21:26 |
| S90 | 6 | (metal\$3 near6 promot\$3 near6 crystalli?5).clm. and semiconductor near1 energy as. and (titanium tungsten tantalum molybdenum ti w ta mo).clm. and contact. clm. and gate.clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/24 21:29 |
| S91 | 828 | (metal\$3 near6 (further\$3 promot\$3 caus\$3 catalyst) near6 crystalli?5) and (titanium tungsten tantalum molybdenum ti w ta mo) and contact and gate | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/24 21:31 |
| S92 | 209 | (metal\$3 near6 (further\$3 promot\$3 caus\$3 catalyst) near6 crystalli?5).ti,ab,clm. and (titanium tungsten tantalum molybdenum ti w ta mo) and contact and gate | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/24 21:31 |

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|------|-----|--|---|----|-----|------------------|
| S93 | 200 | (metal\$3 near6 (further\$3 promot\$3 caus\$3 catalyst) near6 crystalli?5).ti,ab,clm. and (titanium tungsten tantalum molybdenum ti w ta mo) and contact and gate and (thin adj film adj transistor tft) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/24 21:32 |
| S94 | 162 | (metal\$3 near6 (further\$3 promot\$3 caus\$3 catalyst) near6 crystalli?5).ti,ab,clm. and (titanium tungsten tantalum molybdenum ti w ta mo) and contact and gate and (thin adj film adj transistor tft) and silicide | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/24 21:34 |
| S95 | 119 | (metal\$3 near6 (further\$3 promot\$3 caus\$3 catalyst) near6 crystalli?5).ti,ab,clm. and (titanium tungsten tantalum molybdenum ti w ta mo) and contact and gate and (thin adj film adj transistor tft).ti,ab,clm. and silicide | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/24 21:34 |
| S96 | 1 | (US-20040164300-\$).did. | US-PGPUB | OR | OFF | 2006/05/19 09:01 |
| S97 | 2 | ("5582640").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 09:01 |
| S98 | 1 | S97 and grain | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 09:02 |
| S99 | 1 | S97 and grain near2 boundary | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 09:19 |
| S100 | 4 | (("5481121") or ("5824573")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 09:19 |
| S101 | 2 | jp-07074366\$-.did. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 09:21 |

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|------|----|---|---|----|-----|---------------------|
| S102 | 21 | (("20020053670") or ("5,569,610") or ("5,569,936") or ("5,595,923") or ("5,614,733") or ("5,643,826") or ("5,783,468") or ("5,789,762") or ("5,858,823") or ("5,923,962") or ("6285042") or ("6,335,541") or ("6,642,073")).PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 09:24 |
| S103 | 13 | (("20020053670") or ("5,569,610") or ("5,569,936") or ("5,595,923") or ("5,614,733") or ("5,643,826") or ("5,783,468") or ("5,789,762") or ("5,858,823") or ("5,923,962") or ("6285042") or ("6,335,541") or ("6,642,073")).PN. | US_PGPUB; USPAT | OR | OFF | 2006/05/19 09:25 |
| S104 | 8 | EP-0651431\$-\$did. EP-1158580\$-\$did. jp-08078690\$-\$did. jp-09045931\$-\$did. jp-09092834\$-\$did. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 09:37 |
| S105 | 0 | EP-0651431\$-\$did. EP-1158580\$-\$did. jp-08078690\$-\$did. jp-09045931\$-\$did. jp-09092834\$-\$did. | US_PGPUB; USPAT | OR | ON | 2006/05/19 09:37 |
| S106 | 7 | EP-0651431\$-\$did. EP-1158580\$-\$did. jp-08078690\$-\$did. jp-09045931\$-\$did. jp-09092834\$-\$did. | JPO; DERWENT | OR | ON | 2006/05/19 09:38 |
| S107 | 7 | EP-0651431\$-\$did. EP-1158580\$-\$did. jp-08078690\$-\$did. jp-09045931\$-\$did. jp-09092834\$-\$did. jp-07074366\$-\$did | JPO; DERWENT | OR | ON | 2006/05/19 09:39 |
| S108 | 9 | EP-0651431\$-\$did. EP-1158580\$-\$did. jp-08078690\$-\$did. jp-09045931\$-\$did. jp-09092834\$-\$did. jp-07074366\$-\$did. | JPO; DERWENT | OR | ON | 2006/05/19 09:52 |
| S109 | 9 | EP-06051431\$-\$did. EP-1158580\$-\$did. jp-08078690\$-\$did. jp-09045931\$-\$did. jp-09092834\$-\$did. jp-07074366\$-\$did. | JPO; DERWENT | OR | ON | 2006/05/19 09:53 |
| S110 | 14 | EP-06051431\$-\$did. EP-1158580\$-\$did. jp-08078690\$-\$did. jp-09045931\$-\$did. jp-09092834\$-\$did. jp-07074366\$-\$did. jp-07130652\$-\$did. jp-06318701\$-\$did. jp-06268212\$-\$did. | JPO; DERWENT | OR | ON | 2006/05/19 09:55 |
| S111 | 14 | EP-06051431\$-\$did. EP-1158580\$-\$did. jp-08078690\$-\$did. jp-09045931\$-\$did. jp-09092834\$-\$did. jp-07074366\$-\$did. jp-07130652\$-\$did. jp-06318701\$-\$did. jp-06268212\$-\$did. jp-07130652\$-\$did. | JPO; DERWENT | OR | ON | 2006/05/19 09:56 |
| S112 | 14 | EP-06051431\$-\$did. EP-1158580\$-\$did. jp-08078690\$-\$did. jp-09045931\$-\$did. jp-09092834\$-\$did. jp-07074366\$-\$did. jp-07130652\$-\$did. jp-06318701\$-\$did. jp-06268212\$-\$did. | JPO; DERWENT | OR | ON | 2006/05/19 09:56 |
| S113 | 1 | jp-07130652\$-\$did. | JPO; DERWENT | OR | ON | 2006/05/19 10:28 |
| S114 | 4 | grain adj boundary near4 continuous\$2 near4 connect\$3 | JPO; DERWENT | OR | ON | 2006/05/19 10:30 |

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|------|----|--|---|----|-----|---------------------|
| S115 | 74 | grain adj boundary near4 continuous\$2 near4 connect\$3 | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 10:30 |
| S116 | 71 | (grain adj boundary near4 continuous\$2 near4 connect\$3) and semiconductor | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 10:31 |
| S117 | 20 | (grain adj boundary near4 continuous\$2 near4 connect\$3) with semiconductor | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 10:36 |
| S118 | 32 | (grain adj boundary near4 continuous\$2 near4 connect\$3) same semiconductor | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 10:38 |
| S119 | 1 | (grain adj boundary near4 continuous\$2 near4 connect\$3) same photograph same (semiconductor silicon) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 10:53 |
| S120 | 45 | (grain adj boundary near4 photograph) same (semiconductor silicon) | US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 10:54 |
| S121 | 0 | ("grainadjboundarynear4(directdirectionorientationorient) andsemiconductorsiliconand (transistormosfetfftnmosfetpmosfetmisfetnmisfetpmisfet)").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 13:03 |

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|------|------|---|---|----|-----|------------------|
| S122 | 381 | grain adj boundary near4 (direct direction orientation orient) and (semiconductor silicon) and (transistor mosfet tft nmosfet pmosfet misfet nmisfet pmisfet) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 13:15 |
| S123 | 228 | S122 not semiconductor adj energy.as. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 13:15 |
| S124 | 120 | S122 not semiconductor adj energy.as. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 13:20 |
| S125 | 2 | jp-08288515\$\$.DID. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 13:21 |
| S126 | 2 | ("5759879").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/19 17:44 |
| S127 | 2 | S126 and grain adj boundary | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 13:56 |
| S128 | 0 | S126 and grain adj boundary and computer | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 13:56 |
| S129 | 4200 | tft and personal adj computer and capacitor | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 17:48 |

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| S130 | 991 | tft and personal adj computer.ti,ab,clm. and capacitor | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/19 17:48 |
| S131 | 2 | ("5759879").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/20 17:57 |
| S132 | 0 | S131 and capacitor | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/20 17:57 |
| S133 | 1 | "5639698".PN. | USPAT; USOCR | OR | OFF | 2006/05/20 17:57 |
| S134 | 1 | "5549747".PN. | USPAT; USOCR | OR | OFF | 2006/05/20 18:00 |
| S135 | 1 | "5531182".PN. | USPAT; USOCR | OR | OFF | 2006/05/20 18:00 |
| S136 | 1 | "4933298".PN. | USPAT; USOCR | OR | OFF | 2006/05/20 18:02 |
| S137 | 1 | "4381202".PN. | USPAT; USOCR | OR | OFF | 2006/05/20 18:04 |
| S138 | 4 | capacitor.ti,ab,clm. and (thin adj film adj transistor tft).ti,ab,clm. and personal adj computer.ti,ab,clm. and @ad<"19960101" | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 18:08 |
| S139 | 8 | capacitor and (thin adj film adj transistor tft) and personal adj computer.ti,ab,clm. and @ad<"19960101" | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 18:12 |
| S140 | 8 | capacitor and (thin adj film adj transistor tft) and personal adj computer.ti,ab,clm. and personal adj computer and @ad<"19960101" | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 18:12 |

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|------|----|--|---|----|-----|---------------------|
| S141 | 2 | ("5250931").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/20 18:28 |
| S142 | 0 | ("active adj matrix adj display with capacitor with tft and (personal adj computer PC)").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/20 18:28 |
| S143 | 17 | active adj matrix adj display with capacitor with tft and (personal adj computer PC) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 18:30 |
| S144 | 37 | active adj matrix adj display same capacitor same tft and (personal adj computer PC) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 19:39 |
| S145 | 4 | (active adj matrix adj display) same (pixel adj electrode) same (bottom adj electrode) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 19:41 |
| S146 | 54 | (active adj matrix adj display) and (pixel adj electrode) and (bottom adj electrode) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 19:42 |
| S147 | 8 | (active adj matrix adj display) and (pixel adj electrode) and (bottom adj electrode) and short adj channel and tft | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 19:43 |
| S148 | 11 | (active adj matrix adj display) and (pixel adj electrode) and (common adj electrode) and short adj channel and tft | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 20:26 |

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| S149 | 28 | "5539219" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 20:27 |
| S150 | 62 | den adj boer.in. and tft | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 20:45 |
| S151 | 7113 | ((257/59) or (257/66) or (257/72) or (257/290) or (257/291) or (257/292) or (345/92)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/20 20:57 |
| S152 | 3080 | ((257/64) or (257/66) or (257/71) or (345/92)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/20 20:57 |
| S153 | 165 | S152 and thin adj film adj transistor and capacitor and active adj matrix and liquid adj crystal and grain | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 20:59 |
| S154 | 31 | S152 and thin adj film adj transistor and capacitor and active adj matrix and liquid adj crystal and grain and @ad<"19970121" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/05/20 21:00 |
| S155 | 5 | "6607012" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/21 17:00 |
| S156 | 6 | "405053".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/22 11:12 |

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| S157 | 236 | (US-20040164300-\$ or US-20010018224-\$ or US-20030141807-\$ or US-20030218169-\$ or US-20030201442-\$ or US-20030062524-\$ or US-20020053674-\$ or US-20040222424-\$ or US-20040080481-\$ or US-20040031986-\$ or US-20030211669-\$ or US-20030107077-\$ or US-20020079484-\$ or US-20020070406-\$ or US-20020040981-\$ or US-20040094765-\$ or US-20030001832-\$ or US-20020030190-\$ or US-20020043682-\$ or US-20020125480-\$ or US-20030173567-\$ or US-20020117736-\$ or US-20040026696-\$ or US-20030186490-\$ or US-20030155573-\$ or US-20030137480-\$).did. or (US-20030197179-\$ or US-20030057419-\$ or US-20030102480-\$ or US-20010048108-\$ or US-20020167051-\$ or US-20020011983-\$ or US-20030160236-\$ or US-20010015441-\$ or US-20020053670-\$).did. or (US-6147667-\$ or US-6380560-\$ or US-6211536-\$ or US-5942768-\$ or US-5821622-\$ or US-5929464-\$ or US-5864150-\$ or US-5859443-\$ or US-5821138-\$ or US-5744824-\$ or US-5818070-\$ or US-5796150-\$ or US-5780872-\$ or US-5250931-\$ or US-5525822-\$ or US-5170244-\$ or US-6703265-\$ or US-5595923-\$ or US-6841797-\$ or US-6762081-\$ or US-6738005-\$ or US-6653657-\$ or US-6611022-\$ or US-6534353-\$ or US-6506669-\$ or US-6492659-\$).did. or (US-6396105-\$ or US-6380007-\$ or US-6292183-\$ or US-6831727-\$ or US-6756640-\$ or US-6717179-\$ or US-6670635-\$ or US-6605497-\$ or US-6603453-\$ or US-6597014-\$ or US-6509602-\$ or US-6472684-\$ or US-6462723-\$ or US-6323515-\$ or US-5824573-\$ or US-6597034-\$ or US-6667494-\$ or US-4392452-\$ or US-5481121-\$ or US-6335716-\$ or US-6303963-\$ or US-4352834-\$ or US-6730932-\$ or US-6680487-\$ or US-6646288-\$ or US-6593592-\$ or US-6452211-\$).did. or (US-6294815-\$ or US-6093243-\$ or US-6066872-\$ or US-6693300-\$ or US-6693299-\$ or US-6498369-\$ or US-6635929-\$ or US-6326249-\$ or US-5879447-\$ or US-5582640-\$ or US-6855956-\$ or US-6844683-\$ or US-6825072-\$ or US-6777887-\$ or US-6777255-\$ or US-6727514-\$ or US-6674136-\$ or US-6630977-\$ or US-6590230-\$ or US-6590229-\$ or US-6822262-\$ or US-6784037-\$ or US-6576926-\$ or US-6549184-\$ or US-6531713-\$ or US-6495886-\$ or US-6452341-\$).did. or (US-6278131-\$ or US-6686228-\$ or US-6639244-\$ or US-6583471-\$ or US-6608324-\$ or US-6545320-\$ or US-6274887-\$ or US-6140667-\$ or US-6087679-\$ or US-5712496-\$ or US-6307214-\$ or US-6407430-\$ or US-6160271-\$ or US-5854627-\$ or US-6787807-\$ or US-5569936-\$ or US-6806499-\$ or US-6693044-\$ or US-6525719-\$ or US-6737673-\$ or US-6458637-\$ or US-5999236-\$ or US-6482684-\$ or US-6271818-\$ or US-6744069-\$ or US-6642073-\$ or US-6319761-\$).did. or (US-5581092-\$ or US-6335541-\$ or US-5923962-\$ or US-5858823-\$ or US-5789762-\$ or US-5643826-\$ or US-5614733-\$ or US-5569610-\$ or US-6285042-\$ or US-5783468-\$ or US-6093934-\$ or US-5534716-\$ or US-5661050-\$ or US-5539219-\$ or US-5641974-\$ or US-5614427-\$ or US-5656824-\$ or US-5650358-\$ or US-6528820-\$ or US-6028333-\$ or US-5949091-\$ or US-5854494-\$ or US-5821559-\$ or US-5808321-\$ or US-5736751-\$ or US-5705829-\$ or US-5698864-\$).did. or (US-5680147-\$ or US-5563426-\$ or US-5554861-\$ or US-5543947-\$ or US-5508216-\$ or US-5414278-\$ or US-5403772-\$ or US-5289030-\$ or US-5206749-\$ or US-5165075-\$ or US-4623908-\$ or US-5523587-\$ or US-5744823-\$ or US-5583369-\$ or US-5218464-\$ or US-4582395-\$).did. or (JP-09022077-\$ or JP-08213634-\$ or JP-08078329-\$ or JP-08288522-\$ or JP-10270363-\$ or JP-09312260-\$ or JP-08211367-\$ or JP-06230422-\$ or JP-09092834-\$ or JP- | US-PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2006/05/22 11:12 |
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| | | 09045931-\$ or JP-08078690-\$ or JP-07074366-\$ or JP-06318701-\$ or JP-06268212-\$ or JP-08288515-\$ or JP-06310456-\$).did. or (US-5864150-\$ or JP-10303129-\$ or US-5859443-\$ or JP-10209465-\$ or US-5796150-\$ or JP-10197897-\$ or JP-08213634-\$ or JP-09102613-\$ or JP-08204207-\$ or JP-08288522-\$ or JP-08006053-\$ or JP-08023100-\$ or EP-342925-\$ or JP-06317814-\$ or EP-686308-\$ or EP-236629-\$ or JP-09022077-\$ or JP-08078329-\$ or JP-07135318-\$ or JP-10270363-\$ or JP-09312260-\$ or US-5824573-\$ or JP-08211367-\$ or JP-08179306-\$ or JP-06230422-\$ or EP-1158580-\$).did. or (JP-09092834-\$ or JP-09045931-\$ or JP-08078690-\$ or EP-651431-\$ or JP-06268212-\$ or US-5481121-\$ or JP-06318701-\$ or JP-08288515-\$ or EP-669647-\$).did. | | | | |
| S158 | 0 | S157 and wang.in. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/22 11:13 |
| S159 | 0 | ("20030153155.ap.").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/22 11:14 |
| S160 | 2 | ("20030153155").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/22 11:14 |
| S161 | 0 | ("jp-8288515\$-\$).did.").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/03 14:51 |
| S162 | 2 | jp-08288515\$-\$ did. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/03 16:02 |
| S163 | 3 | "318899".ap. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/02 17:29 |

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| S164 | 2 | jp-08288515\$.\$.did. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 19:01 |
| S165 | 2 | ("5759879").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/15 19:22 |
| S166 | 2 | ("5539219").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/15 19:13 |
| S167 | 174 | (silicon near2 shape near2 crystal) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/15 19:34 |
| S168 | 7 | rod\$1shape\$1 near2 crystal near2 (silicon si) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/15 19:40 |
| S169 | 2 | ("6828587").PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/15 19:42 |
| S170 | 26 | rod-shaped near1 crystal same silicon | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 21:10 |
| S171 | 25366 | (lightly adj doped adj drain LDD) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/15 21:10 |

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| S172 | 238 | <p>(US-20020117736-\$ or US-20040222424-\$ or US-20030141807-\$ or US-20020053674-\$ or US-20030186490-\$ or US-20010015441-\$ or US-20030160236-\$ or US-20030201442-\$ or US-20020011983-\$ or US-20020167051-\$ or US-20010018224-\$ or US-20040164300-\$ or US-20030062524-\$ or US-20020125480-\$ or US-20030211669-\$ or US-20030057419-\$ or US-20030107077-\$ or US-20030001832-\$ or US-20020079484-\$ or US-20020070406-\$ or US-20020043682-\$ or US-20040026696-\$ or US-20020040981-\$ or US-20020030190-\$ or US-20010048108-\$ or US-20030218169-\$).did. or (US-20030197179-\$ or US-20030155573-\$ or US-20030137480-\$ or US-20030102480-\$ or US-20030173567-\$ or US-20040080481-\$ or US-20040031986-\$ or US-20040094765-\$ or US-20020053670-\$).did. or (US-6841797-\$ or US-5854627-\$ or US-6762081-\$ or US-5569936-\$ or US-5999236-\$ or US-6278131-\$ or US-6271818-\$ or US-6646288-\$ or US-6549184-\$ or US-6703265-\$ or US-6452211-\$ or US-6482684-\$ or US-6525719-\$ or US-6303963-\$ or US-6458637-\$ or US-6693300-\$ or US-5170244-\$ or US-5250931-\$ or US-5525822-\$ or US-5744824-\$ or US-5780872-\$ or US-5796150-\$ or US-5818070-\$ or US-5821138-\$ or US-5821622-\$ or US-5859443-\$).did. or (US-5864150-\$ or US-5929464-\$ or US-5942768-\$ or US-6147667-\$ or US-6211536-\$ or US-6380560-\$ or US-5595923-\$ or US-6534353-\$ or US-6307214-\$ or US-6777255-\$ or US-6777887-\$ or US-6593592-\$ or US-6635929-\$ or US-6498369-\$ or US-6452341-\$ or US-4392452-\$ or US-6680487-\$ or US-6730932-\$ or US-6831727-\$ or US-6756640-\$ or US-6087679-\$ or US-6727514-\$ or US-6326249-\$ or US-6274887-\$ or US-6855956-\$ or US-6294815-\$ or US-6093243-\$).did. or (US-6066872-\$ or US-6531713-\$ or US-6160271-\$ or US-6140667-\$ or US-5879447-\$ or US-6806499-\$ or US-6674136-\$ or US-4352834-\$ or US-6492659-\$ or US-6407430-\$ or US-6653657-\$ or US-6495886-\$ or US-6292183-\$ or US-6611022-\$ or US-6693299-\$ or US-6380007-\$ or US-6787807-\$ or US-6396105-\$ or US-6506669-\$ or US-6738005-\$ or US-6686228-\$ or US-5712496-\$ or US-6590229-\$ or US-6583471-\$ or US-6597014-\$ or US-6822262-\$ or US-6576926-\$).did. or (US-6784037-\$ or US-6509602-\$ or US-6472684-\$ or US-6462723-\$ or US-6335716-\$ or US-6323515-\$ or US-6630977-\$ or US-6545320-\$ or US-6608324-\$ or US-5582640-\$ or US-6717179-\$ or US-6844683-\$ or US-6590230-\$ or US-6825072-\$ or US-6670635-\$ or US-6667494-\$ or US-6605497-\$ or US-6603453-\$ or US-6597034-\$ or US-6693044-\$ or US-6639244-\$ or US-6737673-\$ or US-6744069-\$ or US-6642073-\$ or US-5581092-\$ or US-6319761-\$ or US-6335541-\$).did. or (US-6285042-\$ or US-5789762-\$ or US-5783468-\$ or US-5614733-\$ or US-5569610-\$ or US-5824573-\$ or US-5481121-\$ or US-5923962-\$ or US-5858823-\$ or US-5643826-\$ or US-6093934-\$ or US-5534716-\$ or US-5661050-\$ or US-5539219-\$ or US-5614427-\$ or US-5656824-\$ or US-5650358-\$ or US-5641974-\$ or US-6528820-\$ or US-6028333-\$ or US-5949091-\$ or US-5854494-\$ or US-5821559-\$ or US-5808321-\$ or US-5554861-\$ or US-5523587-\$ or US-5508216-\$).did. or (JP-09312260-\$ or JP-10270363-\$ or JP-08078329-\$ or JP-08213634-\$ or JP-08288522-\$ or JP-09022077-\$ or JP-08211367-\$ or JP-06230422-\$ or JP-</p> | US-PGPU; USPAT; JPO; DERWENT | OR | OFF | 2007/04/15 21:11 |
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| | | 07074366-\$ or JP-09045931-\$ or JP-06318701-\$ or JP-06268212-\$ or JP-09092834-\$ or JP-08078690-\$ or JP-08288515-\$ or JP-06310456-\$).did. or (JP-09312260-\$ or JP-06230422-\$ or US-5824573-\$ or US-5481121-\$ or JP-08179306-\$ or JP-10270363-\$ or JP-08078329-\$ or JP-09022077-\$ or JP-07135318-\$ or JP-08211367-\$ or EP-236629-\$ or EP-342925-\$ or EP-686308-\$ or JP-06317814-\$ or JP-08006053-\$ or JP-08023100-\$ or JP-08204207-\$ or JP-08213634-\$ or JP-08288522-\$ or JP-09102613-\$ or JP-10197897-\$ or JP-10209465-\$ or US-5796150-\$ or JP-10303129-\$ or US-5859443-\$ or US-5864150-\$).did. or (EP-1158580-\$ or JP-09092834-\$ or JP-09045931-\$ or EP-651431-\$ or JP-06318701-\$ or JP-08078690-\$ or JP-06268212-\$ or EP-669647-\$ or JP-08288515-\$).did. | | | | |
| S173 | 89 | S171 and S172 | US_PGPUB; USPAT; JPO; DERWENT | OR | OFF | 2007/04/15 21:11 |
| S174 | 5094 | ldd and tft | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 07:50 |
| S175 | 2802 | S174 not (semiconductor adj energy.as.) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 07:51 |
| S176 | 131 | S174 not (semiconductor adj energy.as.) and channel near4 mobility | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 07:51 |
| S177 | 88 | S174 not (semiconductor adj energy.as.) and channel near4 mobility and (polycrystal polycrystalline) near3 (silicon si) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/16 08:36 |
| S178 | 3443 | ((257/64) or (257/66) or (257/71) or (345/92)).CCLS. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 08:36 |
| S179 | 43 | S178 and personal adj computer.ti,ab,clm. and grain and lattice and (semiconductor adj (film thin adj film) thin adj film) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/16 08:40 |

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| S180 | 10 | ((semiconductor adj energy).as. (shunpei near1 yamazaki).in. (hisashi near1 (ohtani otani)).in.) and personal adj computer.clm. and grain.clm. and lattice.clm. and (semiconductor adj (film thin adj film) thin adj film).clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/16 08:42 |
| S181 | 2 | "5759879".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/24 12:10 |
| S182 | 768 | grain adj boundary and (photograph image) and channel and (recrystall?ation recrystall?ing recrystall?e\$1) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 12:12 |
| S183 | 672 | grain adj boundary and (photograph image) and channel and (recrystall?ation recrystall?ing recrystall?e\$1) and gate | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 12:13 |
| S184 | 23 | grain adj boundary near20 (photograph image) and channel and (recrystall?ation recrystall?ing recrystall?e\$1) and gate | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 12:23 |
| S185 | 16 | grain adj boundary near20 (photograph image) near20 (channel semiconductor adj film) and (semiconductor silicon) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:05 |
| S186 | 7 | (grain adj boundary near3 (polycrystalline adj silicon polysilicon)) near10 (image photograph photographic) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:10 |
| S187 | 23 | (grain adj boundary near3 (polycrystalline adj silicon polysilicon)) same (image photograph photographic) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:14 |

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| S188 | 2 | "5940464".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:19 |
| S189 | 1 | (image photograph) near5 grain adj boundary near5 polysilicon and @ad<"19980101" | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 14:20 |
| S190 | 165 | (image photograph) near5 polysilicon and @ad<"19980101" | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 16:28 |
| S191 | 26 | grain adj size near5 polysilicon near20 (image photograph SEM TEM) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 16:32 |
| S192 | 32 | grain adj size near5 (poly-Si polysilicon) near20 (image photograph SEM TEM) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 18:48 |
| S193 | 12 | (("4381202") or ("4933298") or ("5531182") or ("5549747") or ("5637515") or ("5639698")).PN. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/24 19:03 |
| S194 | 2914 | silicon adj wafer and thin adj film adj transistor | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/24 19:03 |
| S195 | 302 | silicon adj wafer and thin adj film adj transistor.ti. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 19:04 |

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| S196 | 52 | silicon adj wafer and thin adj film adj transistor.ti. and @ad<"19970101" | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/10/24 19:04 |
| S197 | 1 | (US-20040164300-\$).did. | US_PGPUB | OR | ON | 2008/03/29 21:40 |
| S198 | 1 | S197 and correspond\$3 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/29 21:40 |
| S199 | 76317 | (tft thin adj film adj transistor).ti,ab,clm. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/29 21:52 |
| S200 | 2586 | (tft thin adj film adj transistor).ti,ab,clm. and (grain adj boundary) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/29 21:52 |
| S201 | 195 | (tft thin adj film adj transistor).ti,ab,clm. and (grain adj boundary) near10 (dangling adj bond) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/29 21:53 |
| S202 | 48 | (tft thin adj film adj transistor).ti,ab,clm. and (grain adj boundary) near10 (dangling adj bond) and @ad<"19970121" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/29 21:56 |
| S203 | 0 | (US-20040164300-\$).did. and semiconductor adj film and channel adj formation and source and drain and gate adj electrode and first adj crystal and second adj crystal | US_PGPUB | OR | ON | 2008/03/29 22:35 |
| S204 | 1 | (US-20040164300-\$).did. and semiconductor adj film and channel adj formation and source and drain and gate adj electrode and crystal | US_PGPUB | OR | ON | 2008/03/29 22:35 |

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| S205 | 2 | ("5830538").PN. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/29 22:48 |
| S206 | 0 | S205 and dangling | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/29 22:52 |

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